

Title (en)

Apparatus and method for electronically controlling an actuator, arranged in a control system, in motor vehicles

Title (de)

Vorrichtung und Verfahren zur elektronischen Steuerung eines einem Regelsystem zugeordneten Aktuators in Kraftfahrzeugen

Title (fr)

Dispositif et procédé pour commander électroniquement un actionneur assigné à un système de contrôle pour véhicules à moteur

Publication

EP 1188640 A3 20050209 (DE)

Application

EP 01120221 A 20010823

Priority

DE 10045385 A 20000914

Abstract (en)

[origin: EP1188640A2] An actuator (2) fits in a control device (1) that has one or more control function units (12), through which the actuator can be triggered with a preset adjustment speed by using operating parameters. The control device has an adjustment rate limiter (13) assigned to the control function units, through which set point adjustment speed preset by a control function unit for triggering the actuator can be reduced to a defined limiting value.

IPC 1-7

B62D 6/00

IPC 8 full level

B62D 6/00 (2006.01); **B62D 5/00** (2006.01); **B62D 5/04** (2006.01); **F15B 11/04** (2006.01); **B62D 101/00** (2006.01); **B62D 111/00** (2006.01); **B62D 113/00** (2006.01); **B62D 137/00** (2006.01)

CPC (source: EP US)

B62D 5/008 (2013.01 - EP US); **B62D 5/0484** (2013.01 - EP US)

Citation (search report)

- [A] US 4592322 A 19860603 - MURAKAMI TERUKIYO [JP], et al
- [A] DE 19905433 A1 20000817 - BOSCH GMBH ROBERT [DE]
- [A] US 5595159 A 19970121 - HUBER WERNER [DE], et al
- [A] BUENTE TILMAN: "Beitraege zur robusten Lenkregelung von Personenkraftwagen", FORTSCHRITT-BERICHTS VDI. REIHE 12, VERKEHRSTECHNIK / FAHRZEUGTECHNIK, VDI VERLAG, DUESSELDORF, DE, vol. 12, no. 366, 1998, pages 65 - 67,134, XP002200469, ISSN: 0178-9449

Cited by

EP1803629A4; CN104238591A; EP1810912A4; FR2912983A1; EP1568575A1; EP2098922A1; FR2928464A1; DE102013211507A1; US7885741B2; US8565974B2; WO2008110712A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1188640 A2 20020320; **EP 1188640 A3 20050209**; **EP 1188640 B1 20070502**; AT E361226 T1 20070515; DE 10045385 A1 20020328; DE 50112428 D1 20070614; JP 2002187563 A 20020702; US 2002036477 A1 20020328; US 6559612 B2 20030506

DOCDB simple family (application)

EP 01120221 A 20010823; AT 01120221 T 20010823; DE 10045385 A 20000914; DE 50112428 T 20010823; JP 2001280071 A 20010914; US 95250701 A 20010914